

**Amendments to the Claims:**

This listing of claims will replace all prior versions and listings of claims in the instant application:

**Listing of Claims:**

1. (Currently Amended) A method of providing biometric information over ~~a an~~ established telephone call established over a Public Switched Telephone Network (PSTN) between at least one speaker and a subscriber comprising:

receiving a full bandwidth PSTN audio stream ~~voice information from the speaker~~ transmitted over the PSTN [[call]], said audio stream comprising a plurality of voice signals of the speaker;

determining biometric information from the voice signals ~~information~~ of the speaker;

identifying inaudible portions in the PSTN audio stream using a psychoacoustic model;

modifying said PSTN audio stream by encoding the biometric information and replacing; and the identified inaudible portions of the PSTN audio stream with said encoded information; and

transmitting ~~sending~~ the modified PSTN audio stream ~~biometric information~~ to the subscriber over the PSTN [[call]].

2. (Currently Amended) The method of claim 1, said determining step comprising:  
extracting at least one attribute from the voice signals ~~information~~;  
comparing the at least one attribute with voice metrics; and  
generating the biometric information based upon said comparing step.

3. (Cancelled)
4. (Original) The method of claim 1, wherein the biometric information specifies at least one of an indication of voice level, stress level, voice inflection, and an emotional state.
5. (Currently Amended) The method of claim 1, wherein the subscriber receives the ~~biometric information and~~ voice signals and the associated biometric information, both of the speaker, substantially concurrently over the call.
6. (Currently Amended) The method of claim 1, further comprising:  
extracting the embedded biometric information from the transmitted PSTN audio stream;  
decoding the extracted ~~received~~ biometric information; and  
presenting the information to the subscriber.
7. (Currently Amended) A system for providing biometric information over an ~~established~~ telephone call established over a Public Switched Telephone Network (PSTN) between at least one speaker and a subscriber comprising:  
means for receiving a full bandwidth PSTN audio stream ~~voice information from the speaker~~ transmitted over the PSTN [[call]], said audio stream comprising a plurality of voice signals of the speaker;  
means for determining biometric information from the voice signals ~~information~~ of the speaker;  
means for identifying inaudible portions in the PSTN audio stream using a psychoacoustic model;

means for modifying said PSTN audio stream by encoding the biometric information and replacing; and the identified inaudible portions of the PSTN audio stream with said encoded information; and

means for transmitting ~~sending~~ the modified PSTN audio stream ~~biometric information~~ to the subscriber over the PSTN [[call]].

8. (Currently Amended) The system of claim 7, said means for determining [[step]] comprising:

means for extracting at least one attribute from the voice signals ~~information~~;

means for comparing the at least one attribute with voice metrics; and

means for generating the biometric information based upon a result obtained from said means for comparing.

9. (Cancelled)

10. (Original) The system of claim 7, wherein the biometric information specifies at least one of an indication of voice level, stress level, voice inflection, and emotional state.

11. (Currently Amended) The system of claim 7, wherein the subscriber receives the ~~biometric information and~~ voice signals and the associated biometric information, both of the speaker, substantially concurrently over the call.

12. (Currently Amended) The system of claim 7, further comprising:

means for extracting the embedded biometric information from the transmitted PSTN audio stream;

means for decoding the extracted ~~received~~ biometric information; and

means for presenting the information to the subscriber.

13. (Currently Amended) A ~~machine~~ computer-readable storage, having stored thereon a computer program having a plurality of code sections executable by a ~~machine~~ computer for causing the ~~machine~~ computer to perform the steps of:

receiving an audio stream during ~~voice information from a speaker over an established a telephone call established over a Public Switched Telephone Network (PSTN), wherein the~~ at least one speaker and a subscriber, wherein said audio stream comprises a full bandwidth PSTN audio stream, and wherein said audio stream comprises a plurality of voice signals of the speaker ~~are engaged in the call;~~

determining biometric information from the voice signals ~~information~~ of the speaker;

identifying inaudible portions in the PSTN audio stream using a psychoacoustic model;

modifying said PSTN audio stream by encoding the biometric information and replacing; and the identified inaudible portions of the PSTN audio stream with said encoded information; and

transmitting ~~sending~~ the modified PSTN audio stream ~~biometric information~~ to the subscriber over the PSTN ~~[[call]]~~.

14. (Currently Amended) The ~~machine~~ computer-readable storage of claim 13, said determining step comprising:

extracting at least one attribute from the voice signals ~~information~~;

comparing the at least one attribute with voice metrics; and

generating the biometric information based upon said comparing step.

15. (Cancelled)

16. (Currently Amended) The ~~machine~~ computer-readable storage of claim 13, wherein the biometric information specifies at least one of an indication of voice level, stress level, voice inflection, and emotional state.

17. (Currently Amended) The ~~machine~~ computer-readable storage of claim 13, wherein the subscriber receives the ~~biometric information and~~ voice signals and the associated biometric information, both of the speaker, substantially concurrently over the call.

18. (Currently Amended) The ~~machine~~ computer-readable storage of claim 13, further comprising:

extracting the embedded biometric information from the transmitted PSTN audio stream;

decoding the extracted ~~received~~ biometric information; and  
presenting the information to the subscriber.

19. (New) The method of claim 1, wherein at least one other speaker is connected to the call, and wherein the method further comprises:

prior to said receiving step, selecting one among the voice signals of speaker and the voice signals of other speaker to be analyzed; and

performing the steps of receiving, determining, generating, identifying, encoding, and transmitting only for said selected speaker.

20. (New) The system of claim 7, wherein at least one other speaker is connected to the call, and wherein the system further comprises:

means for selecting one among the voice signals of the speaker and the voice signals of the other speaker to be analyzed prior to receiving said voice signals; and

means for performing the steps of receiving, determining, generating, identifying, encoding, and transmitting only for said selected speaker.

21. (New) The computer-readable storage medium of claim 13, wherein at least one other speaker is connected to the call, and further comprising code sections for:

prior to said receiving step, selecting one among the voice signals of speaker and the voice signals of other speaker to be analyzed; and

performing the steps of receiving, determining, generating, identifying, encoding, and transmitting only for said selected speaker.